



PATENT  
0038-0294P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Mamoru YAMADA Conf.: 1036

Appl. No.: 09/156,394 Group: 3743

Filed: September 18, 1998 Examiner: C. ATKINSON

For: HEAT EXCHANGING FIN

LARGE ENTITY TRANSMITTAL FORM

Assistant Commissioner for Patents  
Washington, DC 20231

January 31, 2002

Sir:

Transmitted herewith is an amendment in the above-identified application.

- The enclosed document is being transmitted via the Certificate of Mailing provisions of 37 C.F.R. § 1.8.
- The enclosed document is being transmitted via facsimile.

The fee has been calculated as shown below:

|   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |   | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR |   | PRESENT<br>EXTRA | RATE  | ADDITIONAL<br>FEE |
|---|---|---|---|---|------------------|-------|-------------------|
| TOTAL   | 22  | - | 22  | = | 0                | \$18  | \$0.00            |
| INDEPENDENT   | 1   | - | 3   | = | 0                | \$84  | \$0.00            |
| <input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM |   |   |   |   |                  | \$280 | \$0.00            |
|   |   |   |   |   |                  | TOTAL | \$0.00            |

- Petition for ( ) month(s) extension of time pursuant to 37 C.F.R. §§ 1.17 and 1.136(a). \$0.00 for the extension of time.
- No fee is required.
- Check(s) in the amount of \$0.00 is(are) enclosed.
- Please charge Deposit Account No. 02-2448 in the amount of \$0.00. This form is submitted in triplicate.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By James M. Slattery, #28,380  
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JMS/PCL/cl  
0038-0294P

ATTACHMENT

(Rev. 09/27/01)



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/156,394      | 09/18/1998  | MAMORU YAMADA        | 0038-0294P          | 1036             |

2292 7590 12/31/2001  
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P.O. BOX 747  
FALLS CHURCH, VA 22040-0747

[REDACTED] EXAMINER

ATKINSON, CHRISTOPHER MARK

|          |              |
|----------|--------------|
| ART UNIT | PAPER NUMBER |
| 3743     |              |

DATE MAILED: 12/31/2001

POCKETED  
RESPONSE  
1-31-02

Please find below and/or attached an Office communication concerning this application or proceeding.

**UNITED STATES DEPARTMENT OF COMMERCE****Patent and Trademark Office**Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

|                 |             |                      |                     |
|-----------------|-------------|----------------------|---------------------|
| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. |
|-----------------|-------------|----------------------|---------------------|

|                          |          |
|--------------------------|----------|
| <input type="checkbox"/> | EXAMINER |
|--------------------------|----------|

|          |              |
|----------|--------------|
| ART UNIT | PAPER NUMBER |
|----------|--------------|

23

**DATE MAILED:**

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trademarks**

The paper filed on 10/18/2001 is non-responsive to the prior Office Action because it does not include a listing of all claims, (i.e. newly added claims) which are readable on the elected species as required by the Restriction mailed 12/10/1998.

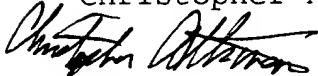
Since the response appears to be *bona fide*, but through an apparent oversight or inadvertence failed to provide a complete response, applicant is required to complete the response within a time limit of one month from the date of this letter or within the time remaining in the response period of the last Office action, whichever is the longer. NO EXTENSION OF THIS TIME LIMIT MAY BE GRANTED UNDER EITHER 37 C.F.R. § 1.136(a) OR (b) BUT THE PERIOD FOR RESPONSE SET IN THE LAST OFFICE ACTION MAY BE EXTENDED UP TO A MAXIMUM OF SIX MONTHS. Applicant's Brief is due in accordance with 37 C.F.R. § 1.192(a).

Serial Number: 08/806,805

-A-

Art Unit: 3407

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher Atkinson whose telephone number is (703) 308-2603.



C.A.

December 31, 2001

CHRISTOPHER ATKINSON  
PRIMARY EXAMINER



## Attachment for PTO-948 (Rev. 03/01, or earlier)

6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

### INFORMATION ON HOW TO EFFECT DRAWING CHANGES

#### 1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

#### 2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made other than correction of informalities, unless the examiner has approved the proposed changes.

#### Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.